

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of)	
Georg Jander <i>et al.</i>)	Art Unit: To Be Assigned.
Serial No. To Be Assigned)	Examiner: To Be Assigned.
Filed: December 7, 2001)	Docket No.: 38-10 (15820)B
For: Plants with Imidizolinone-Resistant ALS)	

Statement Regarding Sequence Submission

Commissioner for Patents
Washington, DC 20231

Sir:

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above-mentioned application are the same.

Respectfully submitted,

Connie M. Caron

Connie M. Caron
Reg. No. 48,131

SEQUENCE LISTING

<110> Jander, Georg

Baerson, Scott R

Durrett, Timothy P

<120> Plants with Imidazolinone-Resistant ALS

<130> 38-10(15820)B

<150> US 60/257,480

<151> 2000-12-21

<160> 38

<170> PatentIn version 3.1

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<211> 670

<212> PRT

<213> Arabidopsis thaliana ecotype Landsberg erecta

<400> 26

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			20						25				30		
Arg	Phe	Ser	Leu	Pro	Phe	Ser	Leu	Asn	Pro	Asn	Lys	Ser	Ser	Ser	Ser
		35					40					45			
Ser	Arg	Arg	Arg	Gly	Ile	Lys	Ser	Ser	Ser	Pro	Ser	Ser	Ile	Ser	Ala
	50					55					60				
Val	Leu	Asn	Thr	Thr	Thr	Asn	Val	Thr	Thr	Thr	Pro	Ser	Pro	Thr	Lys

370

375

380

Phe Ala Ser Arg Ala Lys Ile Val His Ile Asp Ile Asp Ser Ala Glu
385 390 395 400

Ile Gly Lys Asn Lys Thr Pro His Val Ser Val Cys Gly Asp Val Lys
405 410 415

Leu Ala Leu Gln Gly Met Asn Lys Val Leu Glu Asn Arg Ala Glu Glu
420 425 430

Leu Lys Leu Asp Phe Gly Val Trp Arg Asn Glu Leu Asn Val Gln Lys
435 440 445

Gln Lys Phe Pro Leu Ser Phe Lys Thr Phe Gly Glu Ala Ile Pro Pro
450 455 460

Gln Tyr Ala Ile Lys Val Leu Asp Glu Leu Thr Asp Gly Lys Ala Ile
465 470 475 480

Ile Ser Thr Gly Val Gly Gln His Gln Met Trp Ala Ala Gln Phe Tyr
485 490 495

Asn Tyr Lys Lys Pro Arg Gln Trp Leu Ser Ser Gly Gly Leu Gly Ala
500 505 510

Met Gly Phe Gly Leu Pro Ala Ala Ile Gly Ala Ser Val Ala Asn Pro
515 520 525

Asp Ala Ile Val Val Asp Ile Asp Gly Asp Gly Ser Phe Ile Met Asn
530 535 540

Val Gln Glu Leu Ala Thr Ile Arg Val Glu Gln Leu Pro Val Lys Ile
545 550 555 560

Leu Leu Leu Asn Asn Gln His Leu Gly Met Val Met Gln Trp Glu Asp
565 570 575

Arg Phe Tyr Lys Ala Asn Arg Ala His Thr Phe Leu Gly Asp Pro Ala
580 585 590

Gln Glu Asp Glu Ile Phe Pro Asn Met Leu Leu Phe Ala Ala Ala Cys
595 600 605

Gly Ile Pro Ala Ala Arg Val Thr Lys Lys Ala Asp Leu Arg Glu Ala
610 615 620

Ile Gln Thr Met Leu Asp Thr Pro Gly Pro Tyr Leu Leu Asp Val Ile
625 630 635 640

Cys Pro His Gln Glu His Val Leu Pro Met Ile Pro Ser Gly Gly Thr
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Phe Asn Asp Val Ile Thr Glu Gly Asp Gly Arg Ile Lys Tyr
660 665 670

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<211> 31

<212> PRT

<213> Arabidopsis thaliana

<400> 27

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Ser Met Glu Ile His Gln Ala Leu Thr Arg Ser Ser Ser Ile Arg
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<211> 31

<212> PRT

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Ser Met Glu Ile His Gln Ala Leu Thr Arg Ser Ser Thr Ile Arg
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<210> 29

<211> 31

<212> PRT

<213> Gossypium hirsutum

<400> 29

Leu Glu Arg Glu Gly Val Lys Asp Val Phe Ala Tyr Pro Gly Gly Ala
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Ser Met Glu Ile His Gln Ala Leu Thr Arg Ser Lys Ile Ile Arg

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30

<210> 30

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<212> PRT

<213> Nicotiana tabacum

<400> 30

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40007 - 40094

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<212> PRT

<213> Zea mays

<400> 32

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Val Ala Ile Thr Gly Gln Val Pro Arg Arg Met Ile Gly Thr Asp Ala
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Phe Gln Glu Thr Pro Ile Val Glu Val Thr Arg Ser Ile Thr Lys
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<213> Brassica napus

<400> 34

Val Ala Ile Thr Gly Gln Val Pro Arg Arg Met Ile Gly Thr Asp Ala
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Phe Gln Glu Thr Pro Ile Val Glu Val Thr Arg Ser Ile Thr Lys
 20 25 30

<210> 35

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<213> Gossypium hirsutum

<400> 35

Val Ala Ile Thr Gly Gln Val Pro Arg Arg Met Ile Gly Thr Asp Ala
1 5 10 15

Phe Gln Glu Thr Pro Ile Val Glu Val Thr Arg Ser Ile Thr Lys
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<210> 36

<211> 31

<212> PRT

<213> Nicotiana tabacum

<400> 36

Val Ala Ile Thr Gly Gln Val Pro Arg Arg Met Ile Gly Thr Asp Ala
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Phe Gln Glu Thr Pro Ile Val Glu Val Thr Arg Ser Ile Thr Lys
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<210> 37

<211> 31

<212> PRT

<213> Glycine max

<400> 37

Val Ala Ile Thr Gly Gln Val Pro Arg Arg Met Ile Gly Thr Asp Ala
1 5 10 15

Phe Gln Glu Thr Pro Ile Val Glu Val Thr Arg Ser Ile Thr Lys
20 25 30

<210> 38

<211> 31

<212> PRT

<213> Zea mays

<400> 38

Val	Ala	Ile	Thr	Gly	Gln	Val	Pro	Arg	Arg	Met	Ile	Gly	Thr	Asp	Ala
1				5					10					15	

Phe	Gln	Glu	Thr	Pro	Ile	Val	Glu	Val	Thr	Arg	Ser	Ile	Thr	Lys
		20						25					30	

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